

USCMS Engineer Status Report for May 2003

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1 Work Performed This Month

General:

I returned from CERN on the 5th. Vacation 27-30. The rest of the month I had many home affairs to organize in order to leave for CERN for a year, this was distracting but I did get work done.

DDD:

Division Element in XML: This work was completed about 2 weeks later than planned (I promised it by April 30th). However it has been checked in to cvs and is awaiting testing by Pedro Arce. If I can get back to this in the coming month(s) then I will do more testing myself.

Testbeam: Created a second set of XML for the testbeam 2004 for the Endcap Muon group (EMU). This was the third iteration. The first was way back as an early attempt for the 2003 testbeam. This could be used for both if someone learns to edit/change the XML. This XML is basically a slice of the endcap. Tim Cox has checked and fixed some ORCA code so that ORCA can process (digitize and reconstruct) using the test beam geometry. This is an iterative process of improving (making more accurate) the test beam setup.

HCAL: E-mail exchanges with Sunanda on using the example I provided. Conditions, etc. Databases:

Continued to stay informed on ConditionsDB project within POOL and work on understanding what exists and what is planned.

User Support:

UCD CMS Cluster: Performed more work on this system (ROCKS 3.2.1 & testing). Attempted to install CMS software and failed (using the cms installer and download instructions). I am not positive why but was informed

that the c library within the RHEL version in ROCKS may be to blame (too new again?).

Students & Postdoc: Continued to provide some expertise with CMS software to help students, postdoc and faculty use CMKIN/ORCA/OSCAR.

2 Status of Deliverables

No upcoming deliverables

3 Plans For Next Month

Move to Geneva for 1 year.

Start work on Conditions and other database efforts.